

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072525AL\
 Data File : FC069537.D
 Signal(s) : FID1A.ch
 Acq On : 25 Jul 2025 17:13
 Operator : YP/AJ
 Sample : Q2689-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 OR-03-07232025MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/28/2025
 Supervised By :mohammad ahmed 07/29/2025

Integration File: autoint1.e
 Quant Time: Jul 25 22:58:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:35:59 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.676	3949379	26.612 ug/ml
Spiked Amount 50.000		Recovery =	53.22%
12) S 1-chlorooctadecane (S...	13.112	3363385	29.762 ug/ml
Spiked Amount 50.000		Recovery =	59.52%
Target Compounds			
1) T n-Nonane (C9)	3.405	3503906	25.749 ug/ml
2) T n-Decane (C10)	4.479	3941771	28.321 ug/ml
3) T A~Naphthalene (C11.7)	6.073	4593908	30.401 ug/ml
4) T n-Dodecane (C12)	6.503	4276872	30.175 ug/ml
5) T A~2-methylnaphthalene...	7.134	4364001	29.871 ug/ml
6) T n-Tetradecane (C14)	8.304	4454933	31.332 ug/ml
7) T n-Hexadecane (C16)	9.907	4523277	30.989 ug/ml
8) T n-Octadecane (C18)	11.353	4303747	29.919 ug/ml
10) T n-Eicosane (C20)	12.666	4457832	33.205 ug/ml
11) T n-Heneicosane (C21)	13.279	4141455	31.884 ug/ml
13) T n-Docosane (C22)	13.867	4032840	31.752 ug/mlm
14) T n-Tetracosane (C24)	14.967	8259405	67.671 ug/ml
15) T n-Hexacosane (C26)	15.996	3707753	31.914 ug/mlm
16) T n-Octacosane (C28)	16.947	3887202	35.111 ug/ml
17) T n-Tricontane (C30)	17.838	3754284	34.286 ug/ml
18) T n-Dotriacontane (C32)	18.670	3578193	34.482 ug/ml
19) T n-Tetratriacontane (C34)	19.457	3599832	38.203 ug/ml
20) T n-Hexatriacontane (C36)	20.199	3434563	41.581 ug/ml
21) T n-Octatriacontane (C38)	20.966	3335036	43.908 ug/mlm
22) T n-Tetracontane (C40)	21.939	3136128	42.815 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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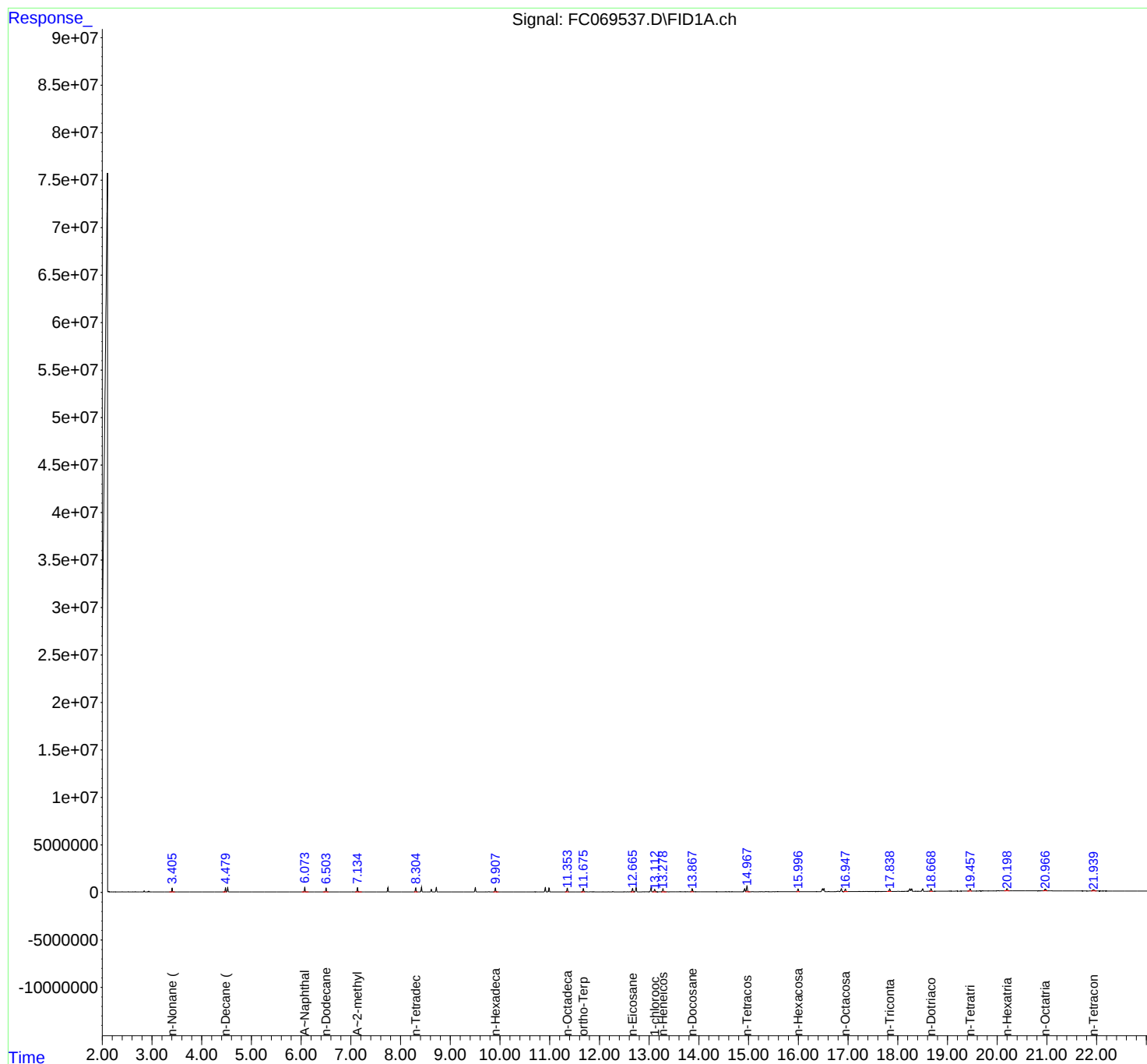
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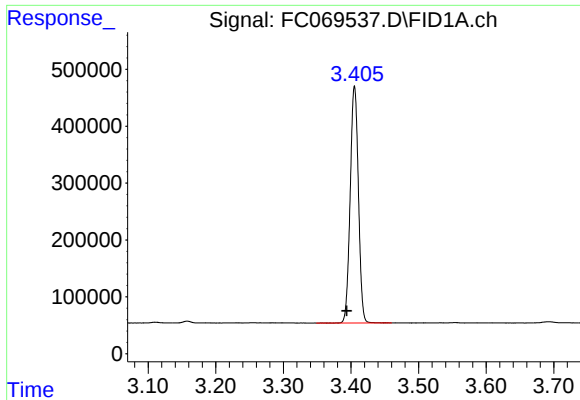
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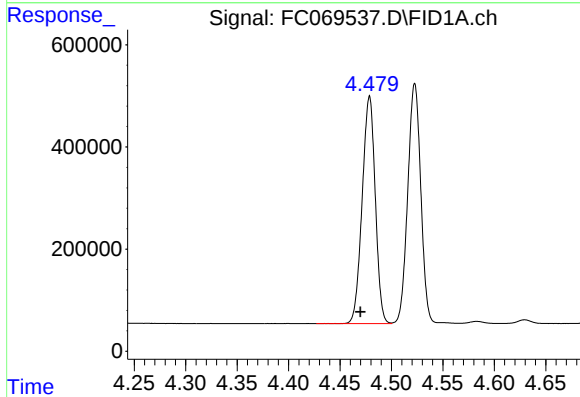
#1 n-Nonane (C9)

R.T.: 3.405 min
Delta R.T.: 0.011 min
Response: 3503906
Conc: 25.75 ug/ml

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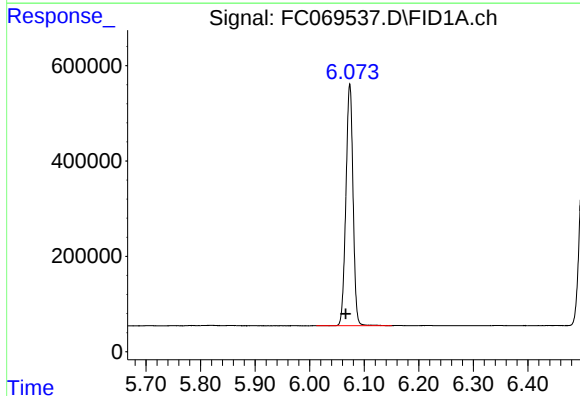
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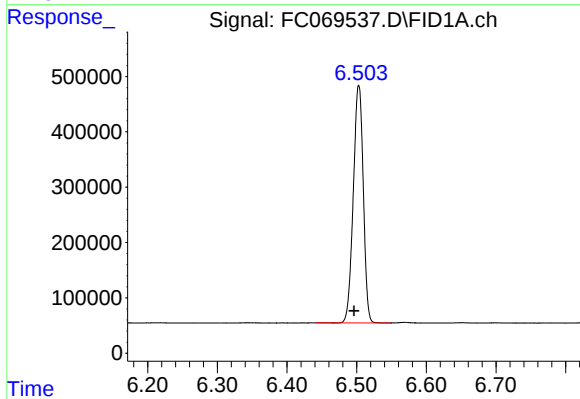
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: 0.009 min
Response: 3941771
Conc: 28.32 ug/ml



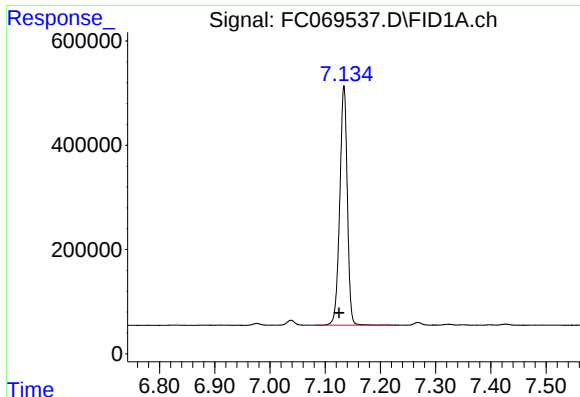
#3 A~Naphthalene (C11.7)

R.T.: 6.073 min
Delta R.T.: 0.007 min
Response: 4593908
Conc: 30.40 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.503 min
Delta R.T.: 0.007 min
Response: 4276872
Conc: 30.17 ug/ml



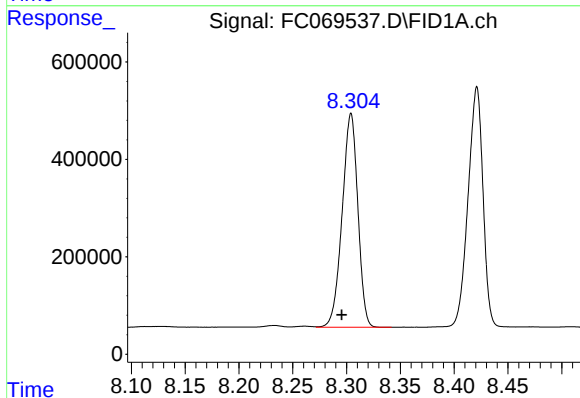
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.134 min
Delta R.T.: 0.009 min
Response: 4364001
Conc: 29.87 ug/ml

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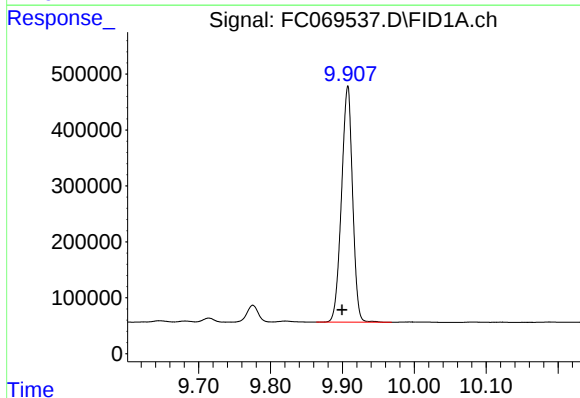
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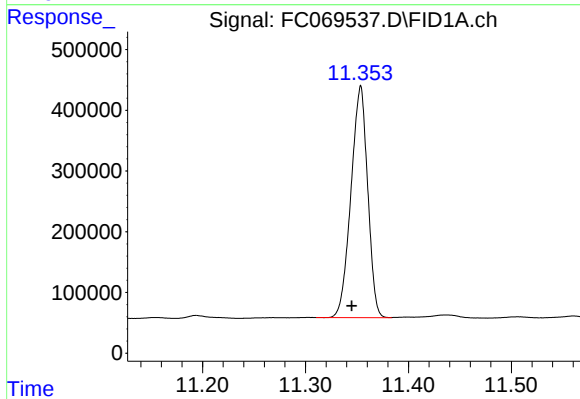
#6 n-Tetradecane (C14)

R.T.: 8.304 min
Delta R.T.: 0.009 min
Response: 4454933
Conc: 31.33 ug/ml



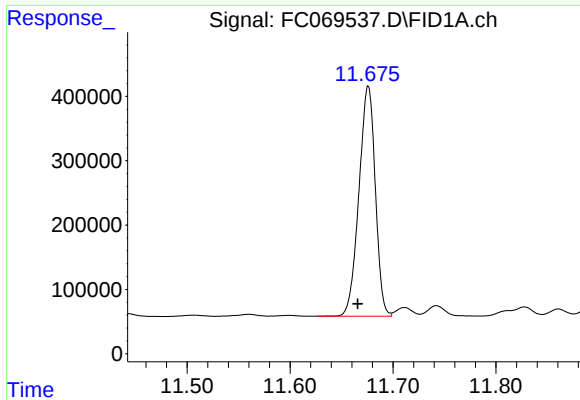
#7 n-Hexadecane (C16)

R.T.: 9.907 min
Delta R.T.: 0.007 min
Response: 4523277
Conc: 30.99 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.353 min
Delta R.T.: 0.008 min
Response: 4303747
Conc: 29.92 ug/ml



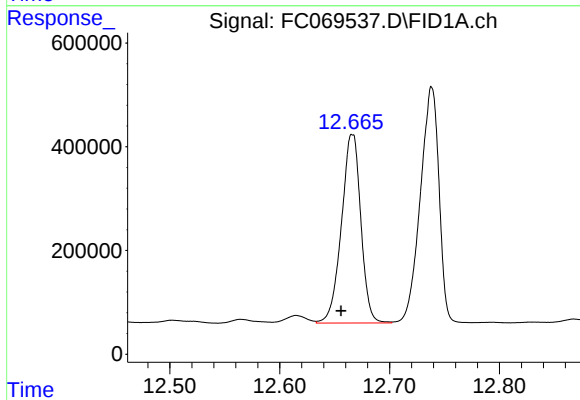
#9 ortho-Terphenyl (SURR)

R.T.: 11.676 min
Delta R.T.: 0.010 min
Response: 3949379
Conc: 26.61 ug/ml

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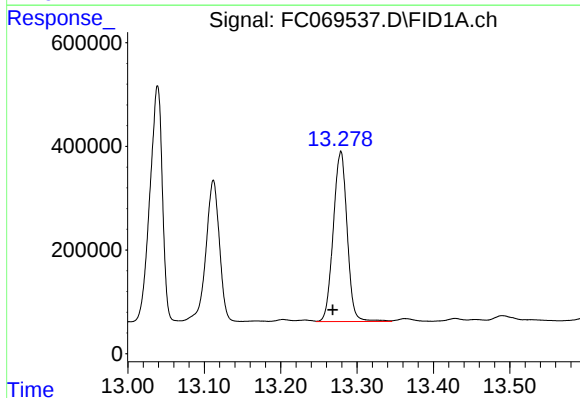
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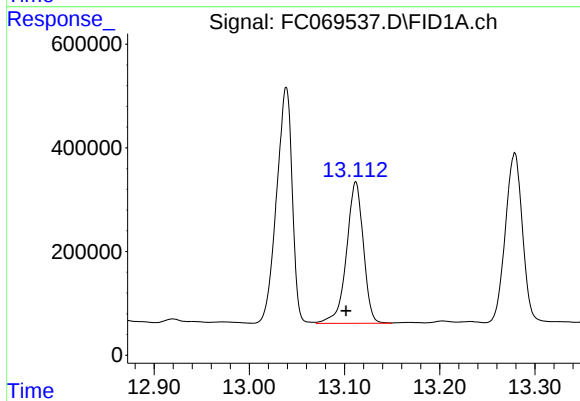
#10 n-Eicosane (C20)

R.T.: 12.666 min
Delta R.T.: 0.010 min
Response: 4457832
Conc: 33.21 ug/ml



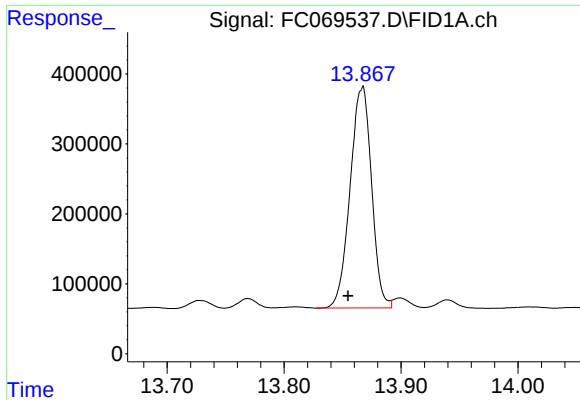
#11 n-Heneicosane (C21)

R.T.: 13.279 min
Delta R.T.: 0.010 min
Response: 4141455
Conc: 31.88 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.112 min
Delta R.T.: 0.010 min
Response: 3363385
Conc: 29.76 ug/ml



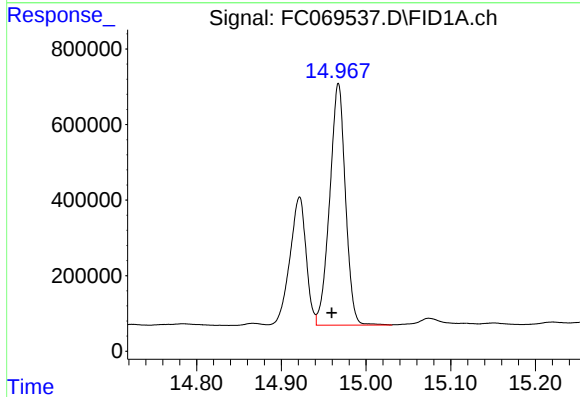
#13 n-Docosane (C22)

R.T.: 13.867 min
Delta R.T.: 0.013 min
Response: 4032840
Conc: 31.75 ug/ml

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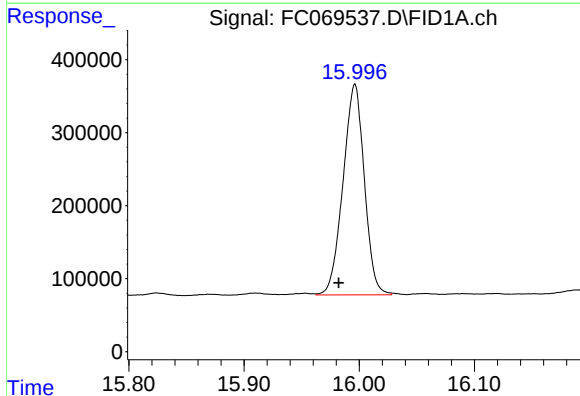
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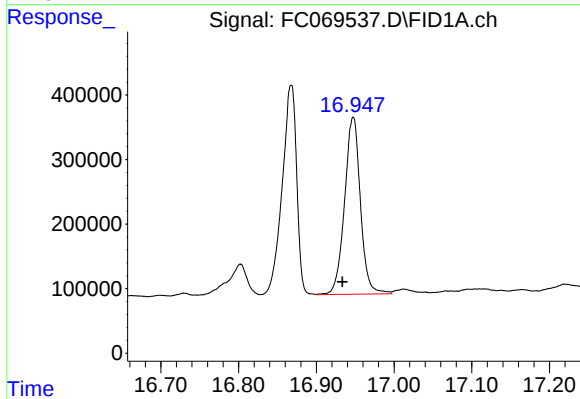
#14 n-Tetracosane (C24)

R.T.: 14.967 min
Delta R.T.: 0.008 min
Response: 8259405
Conc: 67.67 ug/ml



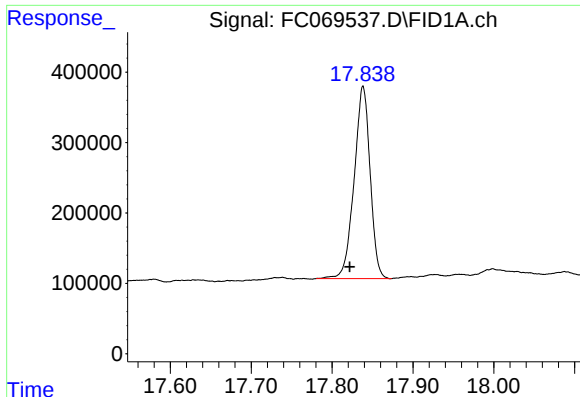
#15 n-Hexacosane (C26)

R.T.: 15.996 min
Delta R.T.: 0.014 min
Response: 3707753
Conc: 31.91 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.947 min
Delta R.T.: 0.014 min
Response: 3887202
Conc: 35.11 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.838 min
Delta R.T.: 0.016 min
Response: 3754284
Conc: 34.29 ug/ml

Instrument :

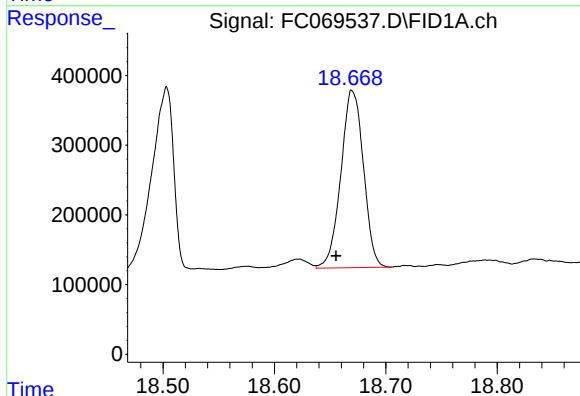
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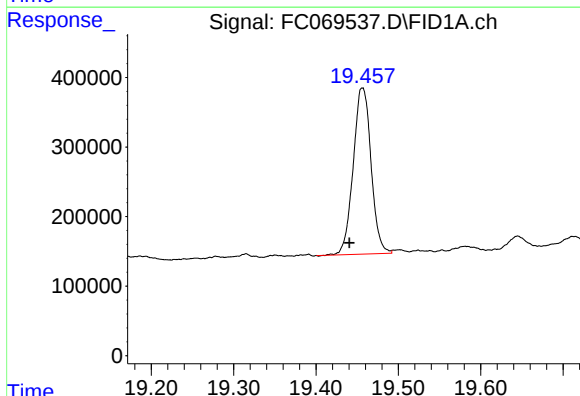
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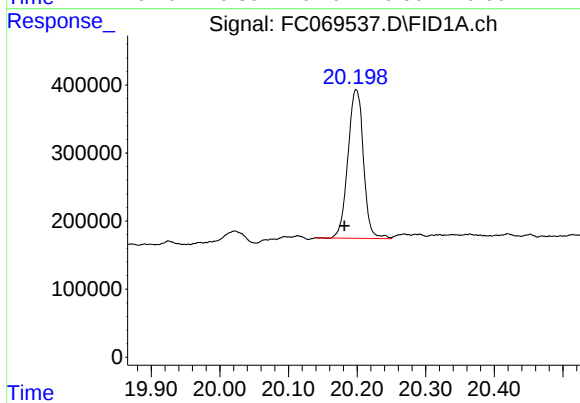
#18 n-Dotriacontane (C32)

R.T.: 18.670 min
Delta R.T.: 0.015 min
Response: 3578193
Conc: 34.48 ug/ml



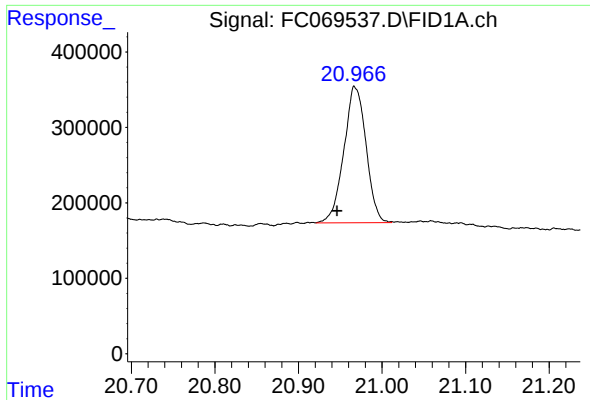
#19 n-Tetratriacontane (C34)

R.T.: 19.457 min
Delta R.T.: 0.016 min
Response: 3599832
Conc: 38.20 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.199 min
Delta R.T.: 0.017 min
Response: 3434563
Conc: 41.58 ug/ml



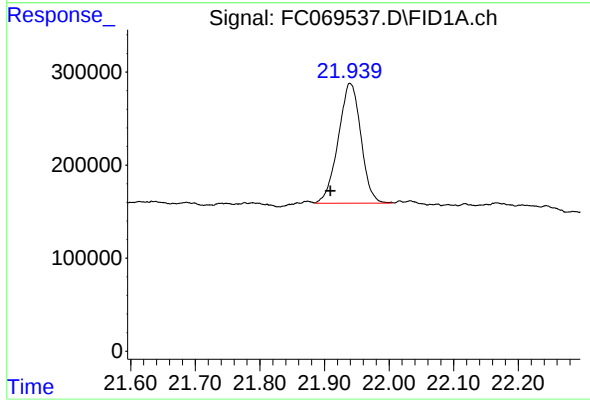
#21 n-Octatriacontane (C38)

R.T.: 20.966 min
Delta R.T.: 0.020 min
Response: 3335036
Conc: 43.91 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.939 min
Delta R.T.: 0.030 min
Response: 3136128
Conc: 42.81 ug/ml m